

19970928.ba v01_n700.bam.970928 v01_n701.bam.970928

>From ???@??? Sun Sep 28 15:04:03 1997
Message-Id: <199709280502.AAA09219@sco.theporch.com>
Date: Sun, 28 Sep 1997 00:02:17 CDT
Subject: BOATANCHORS digest 1700

BOATANCHORS Digest 1700

Topics covered in this issue include:

- 1) HR Article Search Help
by Mike Maloney <ac5p@ionet.net>
- 2) FS/FT: SBA-312 Marine SSB
by Sandy W5TVW <ebjr@worldnet.att.net>

Date: Sat, 27 Sep 1997 20:39:58 -0500 (CDT)
From: Mike Maloney <ac5p@ionet.net>
To: boatanchors@theporch.com
Subject: HR Article Search Help
Message-ID: <199709280139.UAA24145@mail.ionet.net>

I would like to locate a copy of an article that I believe appeared in Ham Radio Magazine pre 1975 poss before '70. If someone on line has these early volumes or an index to them and has time to help please reply direct for more specific info. Thanks for your attention.

73/Mike ac5p@ionet.net
Bartlesville,OK

Date: Sun, 28 Sep 1997 04:30:29 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: BASWAPLIST@FOOTHILL.NET, boatanchors@theporch.com, glowbugs@www.atl.org
Subject: FS/FT: SBA-312 Marine SSB
Message-ID: <19970928043026.AAA26312@LOCALNAME>

Sideband Associates SBA-312 SSB transceiver, 12 channels, 2-16 mhz. working, good finals, 100 watts out. Cosmetically about a 5-6. 115 vac model. With photocopy of manual. \$50 plus shipping/packing.

Trade for a good RAK receiver less power supply to someone within driving distance of New Orleans or someone going to Belton Hamfest.
73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

End of BOATANCHORS Digest 1700

>From ???@??? Sun Sep 28 10:42:52 1997

Message-Id: <199709281952.0AA00450@sco.theporch.com>

Date: Sun, 28 Sep 1997 14:52:09 CDT

Subject: BOATANCHORS digest 1701

BOATANCHORS Digest 1701

Topics covered in this issue include:

- 1) ticket for boatanchors....
by Stefan A Schulz <sas1757@tntech.edu>
- 2) ID Grid Dip Coils
by Don Reaves <dr@cei.net>
- 3) Z signals
by Stefan A Schulz <sas1757@tntech.edu>
- 4) Signal Generator
by "glen galati" <eldim@worldnet.att.net>
- 5) Re: Z signals
by "OZ8RO" <otterstad@inet.uni-c.dk>
- 6) Chrome plating on Aluminium
by ALanger394@aol.com
- 7) FS: I-177-B, CV-89A/URA-8A, BC-683/AB, ...
by hans zimmermann <HANS.ZIMMERMANN@ITU.CH>
- 8) Re: Z signals
by JD <k1zat@dsport.com>
- 9) fest report/unbuilt Eico kit
by KA9EGW@aol.com
- 10) Carron test gear
by jmccarty@lucent.com (John J Mccarty)
- 11) Sunday Swapnet Listings
by Mike Warren <m_warren@compuserve.com>
- 12) Help ID a National Receiver
by Dexter Francis <cwest@xmission.com>
- 13) BC-610 Coils for Sale
by arc5@ix.netcom.com
- 14) CE-10B Exciter for Sale
by arc5@ix.netcom.com

[illegible]

Interests:
 regens, military radio, photography,
 and all that other related expensive stuff!

Date: Sun, 28 Sep 1997 02:00:46 -0500 (CDT)
From: Don Reaves <dr@cei.net>
To: "BoatAnchor's List" <boatanchors@sco.theporch.com>
Subject: ID Grid Dip Coils
Message-ID: <Pine.LNX.3.91.970928015330.21951A-100000@kc5jh.reaves.net>

Please help me id these coils.
These are on phenolic forms, painted appropriate band color.

Freq	Band	Color
.4-.8MC	A	Brown
.8-1.6MC	B	Red
1.6-4.0MC	C	Orange
4.0-10.0MC	D	Yellow
9.5-22.0MC	E	Green
21.0-50.0MC	F	Blue
20.0-120.0MC	G	Violet
110.0-250.0MC	H	Silver

They came with a small paper storage box, slightly smaller than a 3x5 index card box.

Don Reaves WA5BBS
dr@cei.net
Little Rock 72211

Date: Sun, 28 Sep 1997 02:49:24 -0500 (CDT)
From: Stefan A Schulz <sas1757@tntech.edu>
To: boat anchors <boatanchors@theporch.com>
Subject: Z signals
Message-ID: <Pine.PMDF.3.95.970928024657.538976362A-1000000@tntech.edu>

Gang,

I have been interested in the 'Z signals' used by the Signal Corp and other military branches. I've tried a search of the on the Web but could not find anything. Anybody know what they were? and when they were used?

73's

Stefan

Date: Sun, 28 Sep 1997 02:44:42 -0700
From: "glen galati" <eldim@worldnet.att.net>
To: <boatanchors@theporch.com>
Subject: Signal Generator
Message-ID: <19970928094307.AAB5057@glengala>

Hello Brian,
These are the recommended generators...
HP606B, HP606E, HP8640B, TRM-1, AN/URM-25D Signal Generators
Not necessarily in that order.
73, Glen KA7B0J eldim@worldnet.att.net

Date: Sun, 28 Sep 1997 10:27:03 +0100
From: "OZ8R0" <otterstad@inet.uni-c.dk>
To: <sas1757@tntech.edu>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Z signals
Message-ID: <199709281024.MAA12261@inet.uni-c.dk>

> From: Stefan A Schulz <sas1757@tntech.edu>

> To: Old Tube Radios <boatanchors@theporch.com>
> Subject: Z signals
> Date: Sunday, September 28, 1997 8:49 AM
>
>
> Gang,
>
> I have been interested in the 'Z signals' used by the Signal Corp
> and other military branches. I've tried a search of the on the Web but
> could not find anything. Anybody know what they were? and when they were
> used?
It was used in the fixed services I seem to remember. Still used in
teleprinter traffic I believe. Looking in RR (Radio Regulations) from
WARC 1979 but found only the Q/codes listed,
Perhaps some of the old hands (i.e. older than me !) can enlighten us.

73 Rag OZ8RO

Date: Sun, 28 Sep 1997 06:35:46 -0400 (EDT)
From: ALanger394@aol.com
To: boatanchors@theporch.com
Cc: BDHall@ghg.com, vss@mlist.access.digex.net
Subject: Chrome plating on Aluminium
Message-ID: <970928063541_1923780276@emout09.mail.aol.com>

Hi All

I have been trying to get some cast Alluminium handles "Re Chrome Plated" for
a radio restoration project

I can't find a company in the UK that can replat cast Aluminium,they can
only replat steel items

In desperation i wounder if anyone has any experience in this field or could
direct me to a company who could undertake this type of work for me

The spec. of the metal is "Die Cast Zinc Alloy ASTM AC41A"

The spec. of the finish is "Machine Grained,Buffed and Bright Chrome Electro
plate"

The Handles are fitted to WJ /CEI equipment which is both Hollow and Sand
state

Any help appreciated,and costs refunded with pleasure

Regards

Allan

G6EII

Date: Sun, 28 Sep 1997 13:27:51 +0200 (MET DST)
From: hans zimmermann <HANS.ZIMMERMANN@ITU.CH>
To: boatanchors@theporch.com
Subject: FS: I-177-B, CV-89A/URA-8A, BC-683/AB, ...
Message-ID: <Pine.OSF.3.96.970928124854.574B-100000@ties.itu.ch>

Fellow Boatanchorites:

I need space for what I plan (or hope to) acquire, so some items have to go. The problem: It's all in Europe, and transport cost may be considerable (but I am willing to ship, properly packed, to everywhere), compared to any common value of the items - no idea what price tags to attach ! To economize on bandwidth here just the basic facts - anyone interested please e-mail to me directly for more details (I only read digests and am often far behind with this):

1. Tube Tester I-177-B with Socket Adaptor Kit MX-949A/U, working, incl. good copies of manual and tables;
2. Frequency Shift Converter CV-89A/URA-8A, last used a few years ago, heavy (50 lbs) 19" audio rtty converter with CRT and fan, incl. good, complete manual copy (reprint ?) Navships 91490 (covering the complete AN-URA-8B Converter Comparator Group of which the CV-89A is one item);
3. Receiver BC-683/AB (no dynamotor) but incl. original manual for TM 11-600 for SCR 508 / SCR 528 (of which the BC-683 is one item);
4. Tube YL 1350, label "confidential laboratory sample", no data found, possibly never mass-produced ? - kind of an oversized 6146 (octal, 12 cm high, 5 cm diameter), about 1960;

and 3 free books:

Heathkit Manual for Code Oscillator HD-1416
Communications Receivers (Moore), 2nd Edition,
Operating and Service Instructions Hallicrafters FPM-300

Info on more "old radios" (not fully qualifying for the BA list) on request. Also still hoping to trade some HRO-7 coils ("slide-rule", with bandspread against certain HRO-5 (bandspread) coils, and still looking for a Collins 62S-1.

Thanks and 73

Hans, HB9AQS
Geneva, Switzerland

Date: Sun, 28 Sep 1997 08:33:09 -0400 (EDT)
From: JD <k1zat@dsport.com>
To: Stefan A Schulz <sas1757@tntech.edu>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Z signals
Message-ID: <Pine.GS0.3.95.970928082347.8690B-100000@puff>

Stefan

On Sun, 28 Sep 1997, Stefan A Schulz wrote:

> I have been interested in the 'Z signals' used by the
> Signal Corp and other military branches. I've tried a search of
> the on the Web but could not find anything. Anybody know what
> they were? and when they were used?

Z-signals used to be in a document named ACP-131 (Allied Communications Publication 131). They were used on military circuits of various types, early on in radio circuits and later in teletype circuits.

Z-signals were "canned" trinomes with specific meanings, much the same way that Q-signals are used in ham radio. They were geared towards traffic handling. Some of the ones I remember are (there were a couple hundred of them):

ZUG - NO	ZFD - Suspected Duplicated
ZUE - YES	ZOE - Pass this traffic to

ZFR - CANCEL

ZFX - Missing the message at

It's been at least 25-years since I used them; I'd imagine there are other "old salts" out there that remember more of them.

HTH

jd

Date: Sun, 28 Sep 1997 09:22:22 -0400 (EDT)
From: KA9EGW@aol.com
To: boatanchors@theporch.com, boatanchors@listerv.tempe.gov
Subject: fest report/unbuilt Eico kit
Message-ID: <970928092222_1720174298@emout06.mail.aol.com>

Wandering the Greyslake hamfest this weekend, I took note of the BAs there:

A mint 51J4 asking \$600 (gone by noon Sat)
a real clean 51J3, asking price unknown, unsold @ closing Sat
a clean 32S3 less p/s, asking \$300
a near-mint early-run HQ129X, asking price unknown, gone by 3 pm Sat
an SX-99 asking \$135 by a dealer
an S-85 asking \$110 by same guy
a Lionel J-36 with tag, asking \$160 (!)
a couple Eico 753s and an NCX3 (didn't bother to check further).
A table full of junky Command Sets with a decent BC348 and a mint BC221T; at the prices he had stuff tagged I just walked on by.
Saw a couple guys from the list with a clean HR07.
There was also about a dozen Heathkit BAs--mostly SSB singlebanders, although there was a not-too-shabby Cheyenne (Comanche?)--the 5-band mobile SSB tx and a pretty clean 2-meter rig (the one that looks like a baby Marauder).
That was about it for BA radios this year.
On the otehr hand, it was a better year than ever for homebrewer's parts--I found a piece of Air-Dux in the original box in the trash.

And, for an embarrassingly small sum, an unbuilt Eico VTVM in the original opened outer box (inner boxes unopened)--complete with original manual and original Burgess D cell that still shows 1.5V! Needless to say it went home with me.

Egad, the temptation! The last kit (of many) I built was a Cantenna in 1980. This kit belongs in a museum somewhere, but the temptation to smell rosin smoke again is overwhelming...dumb considering I have 3 of these VTVMs already, in various stages of completion from other fests.

Somebody wanna swap me something for it?

73 de KA9EGW

Date: Sun, 28 Sep 1997 08:45:44 -0500
From: jmccarty@lucent.com (John J Mccarty)
To: boatanchors@theporch.com
Subject: Carron test gear
Message-ID: <199709281345.IAA14091@nwsgpa.ih.lucent.com>

Hi Group;

A friend of mine has a piece of test equipment that needs identification. It is a Carron model CCA Audio Beat Frequency Osc. It looks like a signal generator of the Eico/Knight type, but has an eye tube in the upper right hand corner. Anybody know anything on this pup????

73 + tnx

John, N9HRT
jmccarty@lucent.com

Date: Sun, 28 Sep 1997 10:29:36 -0400
From: Mike Warren <m_warren@compuserve.com>
To: ba-list <boatanchors@sco.theporch.com>
Subject: Sunday Swapnet Listings
Message-ID: <199709281029_MC2-2206-AEC6@compuserve.com>

Good Morning All,

Today's listings:

1. Viking Valiant, \$call. Herb, 612/455-7898.
2. National NC-300, \$call. Herb, 612/455 -7898.
3. Viking Ranger, \$150. Skip, 507/452-4989.
4. Hammarlund HQ-129X, \$125. Skip, 507/452-4989.
5. BC-610 complete. \$call. Tony, 612/559-3764.
6. Model 28 KSR TTY. \$call. Tony, 612/559-3764.

7. Elmac AF-67. \$call. Tony, 612/559-3764.

73,

Mike Warren - W5MAZ (in MN)

++++++
+ Looking for a Hallicrafters HT-31 Amp. +
++++++

Date: Sun, 28 Sep 1997 09:25:30 -0600
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: Help ID a National Receiver
Message-ID: <342E76E8.2C05@xmission.com>

Greetings all -

I'm trying to ID a National receiver.
Here are the particulars:

Crinkle Black all over

10 1/2" H x 17" W x 16" D

Two Large 2 1/2" Dia. fluted knobs amidships for band tuning (upper)
and band selection (lower)

1/4" jack in lower left front about 1/4 way in for headphones.

Two knobs on the lower left labeled TONE and LIMITER

Two knobs on the lower right labeled C.W. OSC. and AF GAIN

Two Knobs to the left of the Tuning Dial: POWER SUPPLY and CONTROL
SWITCH Tuning dial is rectangular, about 6 wide by 4 high.
Tuning scales are fixed concentric rings, logging scale is round
and rotates behind a fixed lubber line amidships.

Two knobs to the right of the tuning dial: PHASING and SELECTIVITY

Tuning ranges labeled A thru E that cover .54 to 30 Mc.
30-A-14 14-B-6.4 6.4-C-2.8 2.8-D-1.3 1.3-E-.54

I believe it's WW II vintage and has been stripped of the name plates,
as there is evidence of three on the top cover, which is hinged at the
back and held closed with dzus (sic?) fasteners in the front corners.

Antenna connectors are both screw posts and an S0-239.

Further details and GIF on request.

thanks in advance!

-df

Date: Sun, 28 Sep 1997 10:30:56 -0500 (CDT)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: BC-610 Coils for Sale
Message-ID: <1997928103021119169@>

Box of 12 assorted plug-in BC-610 coils,
plus 7-8 unknown-types to provide parts.
Some need one or two of the supports replaced
with plastic strip you can get at a hobby shop.
\$20 plus 22 lbs. shipping from 78728.
Add \$5 for UPS pick-up charge. I will haul
to USPS.

Date: Sun, 28 Sep 1997 10:36:39 -0500 (CDT)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: CE-10B Exciter for Sale
Message-ID: <19979281036111111478@>

CE-10B exciter for sale. Dusty, paint flaking
around edges of front panel but lettering good.
Has two plug-in coils installed and six extra
coils, plus some extra tubes. Needs power cord
replaced. Not checked.

\$35 plus 37 lbs. shipping from 78728.
Add \$5 for UPS pick-up charge. I will haul
to USPS.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Date: Sun, 28 Sep 1997 11:52:16 -0400
From: Ray LaRue <raylarue@gte.net>
To: boatanchors@theporch.com
Subject: Anyone know?
Message-ID: <342E7D30.1FAC@gte.net>

Anyone got any feedback on what has happened this week-end to the other
boatanchor list as well as the whole QTH.net and QSL.net server?

Date: Sun, 28 Sep 1997 10:24:32 -0600 (MDT)
From: Henry van Cleef <vancleef@netcom.com>
To: brianbj@compuserve.com
Cc: boatanchors@theporch.com
Subject: Re: Signal Generator Question
Message-ID: <199709281624.JAA26499@netcom19.netcom.com>

As Brian Bjerkelund discourses

>
> Hi Group!
>
> I'm looking for recommendations on signal generators. After looking at the
> alignment procedure for my NC300, I can tell the Eico 324 I have should be
> reserved for 5-tube ac-dc sets, and only if they are BC band.
>
> The NC300 requires a precise setting at 80kc and also exact freq setting
> capabilities which most Sig generators I've seen don't have. My question
> is: What do you guys use? Is the preference to BA type generators or new,
> solid-state units with digital read-out, etc? I'm open to suggestions from
> one and all.....
>

A VFO oscillator is a handy tool to have around, but you should not
rely on dial calibrations or resettability if you want accuracy.
While a lot of people use digital freq. counters, I still use the
methods drilled into me by Wade Caywood at James Millen 40-odd years
ago to get "traceability to NIST." WWV signals are the standard
reference that give you that traceability. While we actually had a
Measurements 65A at Millen, it wasn't any better in its dial precision
than the service shop units I have here (Hickock 191X, Precision
E-200-C).

If you want to go the historical route, using the stuff that the pros
used in the thirties and forties, look around for a crystal
"standard." If you have a radio with a 100KC xtal standard in it,

that signal is very handy. I have a Measurements 111-B, which produces 100KC/1MC/10MC from a 10MC Xtal, settable to WWV (do this daily when using it). The Millen "Secondary Frequency Standard" is a similar device. Tek Time Mark Generators (180, 181) have similar xtals in them. Bliley sold a "CCO" widget box for service shop use that has 7 Xtals in it. The original was AC-DC; mine is converted to AC only with transformer.

Principles of metrology #'s 1-10:

A good VFO signal generator has lots of harmonics in its output. There is no tank in the output circuit to smooth these out. Use these harmonics.

A good reference xtal has even more harmonics. (The Tek Time Mark Gens have these smoothed out---but have lots of pushbuttons for selecting specific harmonics off the main xtal).

A "bench receiver" for getting WWV signals and listening to generator frequencies is part of your setup. An S-38 is adequate here, although a lot of companies bought HRO's and similar as WWV-and-calibration receivers.

Start by checking things against a WWV signal. Keep one oscillator tuned to WWV (use one of its harmonics. A 1MC Xtal will whistle against WWV at 10MC on its 10th harmonic just fine).

Whistle stop your VFO against the Xtal. Use harmonics if needed. If the frequency you need lies between two harmonic points, find both points, and interpolate to the setting you need.

BC-221 users will note that what I am describing is "how to calibrate and use your BC-221."

When you set your VFO generator, don't change the dial at all for IF alignment. Sets with Xtal filters need the VFO generator set to the xtal filter frequency.

For setting receiver front ends, use the xtal harmonics from your reference xtals. The 100KC and 1MC frequencies are the two you will use for HF radios (160-10Meter). You will get whistles at every 100Kc or 1Mc increment on the dial. In some places, it is difficult to pick out which harmonic you are listening to. Use your VFO generator as a "home-in" locator to get you close, then find the xtal harmonic for accuracy.

If you need to use the VFO for front end alignment, pick a suitable frequency that can be whistled against WWV or one of your Xtals that has harmonics that lie at the beginning and end of the band (note: use 10% and 80% points on the band, not the end of cap travel), set the generator, and don't touch it until you have aligned lo and high ends on that band. On most superhets, the mixer RF and LO tweaks interact markedly, particularly on higher bands, and you'll have to walk back

and forth several times to get them matched. Use a fixed frequency signal source and harmonics for this---don't try to walk your generator back and forth, because you'll never get it "right on" the same point twice. Don't even try, if you want accuracy.

If you want to use a frequency counter, be my guest. However, you'll have to check the counter's calibration against WWV and other signal sources for accuracy. The master clock should be an LC circuit slaved to a crystal, not direct crystal drive, because xtals will FM and miss a beat once in a while. You will also have to set the time gates for the various ranges on an older unit. One of the basics in good metrology is that the closer you keep things to your primary standard (WWV), the better off you are, so I stick with direct whistle stops between my generators and WWV.

The concepts are simple, but you will need to get familiar with them, and get some experience, before you are comfortable with them and can use them effectively.

On the 80KC question, this is "audio." An HP 200CD does very nicely here, although you will need to attenuate its output before you feed it into your radio. Also, it's a tough frequency to set against a convenient reference---much too high for using the power line frequency, and too low for even a 100KC xtal. Also, the 200CD is "pure sine wave," not rich in harmonics, although most receivers will distort the signal at the 9th or 10th harmonic enough so that you can hear it against a standard. Don't ignore the fact that most Tek scopes will pass 100KC or more through their horizontal amps. Use lissajous figures on the scope, with a reference fed into one axis, and the signal generator fed into the other. Don't try to measure frequency directly against the scope's time base for the level of accuracy you want. Use lissajous figures instead. If you set 400KC into your RF VFO against a crystal, feed that into the vertical of a scope, and feed the nominal 80KC into the horizontal, you are "right on" with a 5:1 lissajous figure that is standing still.

--

=====
Hank van Cleef
=====

Date: Sun, 28 Sep 1997 16:25:30 UTC
From: n5off@w5ddl.aara.org
To: boatanchors@theporch.com
Subject: Free PA Tubes
Message-ID: <91865@w5ddl.aara.org>

I have free (for the shipping costs) four 7984 PA tubes.

These are pulled from VHF Lo commercial gear. Anyone want/need them?

73 Tom

Reply to:

Email (home) n5off@w5ddl.aara.org
Email (home) trinit69@idt.net

Lafayette, LA

R-390A Repro Nametags Available FS

Date: Sun, 28 Sep 1997 18:32:56 +0200
From: Hannelore Breuer <hbreuer@metronet.de>
To: boatanchors@theporch.com
Subject: Help to date Vibroplex
Message-ID: <342E86B8.3D67@metronet.de>

Hi,

I need some help from Vibroplex experts to date a bug I picked up at a fleamarket today. Sn #108057, black base decorated with some golden lines (partially faded). It has a shorting lever. The ID tag says Vibroplex, Brooklyn, 796 Fulton St. Is it worth to restore the bug. The mechanic is working and still shiny chrome. Some paint chips on side of the base. Some screws have a little rust. The 3 rubber feed are badly deteriorated and only black lumps. I would appreciate any comments on how to restore this bug.

73 de Heinz - KF6FNC

Date: Sun, 28 Sep 1997 10:55:23 -0600
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: It's a RA0-1 (Thanks muchly!)
Message-ID: <342E8BF8.6EA7@xmission.com>

Greetings -

What an amazing group this is. I had three replies within an hour. To save further bandwidth, and inform the rest of the crew, I've summarized the returns:

It appears to be a National RAO-1. The strange ID is because it was built for the Navy, which accounts for the un-National wrinkle paint. It electronically is very similar to the NC-100XA. The same set (Mil contract) may have also been built by Wells-Gardner.

Tube lineup should be: 6K7 RF, 6J7 mix, 6J5 hfo, two 6K7 in the IF, 6C8 noise limiter/det., 6F8 af1/avc, 6V6 af out, and a 5Z3 rectifier.

The S0-259 connector on the back is a panadaptor output with B+ voltage!

-df

Visit our Web site at <http://www.xmission.com/~cwest/>
e-mail to: tubes@usa.net -or- cwest@xmission.com
(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Sun, 28 Sep 1997 10:08:09 -0700 (PDT)
From: David Ross <ross@hypertools.com>
To: boatanchors@theporch.com
Subject: Re: Z signals
Message-ID: <199709281708.KAA18911@mail1.teleport.com>

Stefan and the gang-

Looking ACP 131(B) - "Z" signals seem to be commands and responses relating to automated traffic handling, using facsimile links, remote DF operations, teletype usage, establishing & maintaining & synchronizing encrypted teletype links, and using teletype multiplex links.

Since they are related to services a bit more exotic than voice or CW, they may not be commonly heard even if they are still in use.

The book has 52 pages of Q sig listings and 60 pages of Z sig listings, like:

ZRH - Is my frequency shift correct?

ZRK - Shall I revert to single channel working?

ZRM - Do you receive both sidebands of my independent sideband transmissions?

Here on boatanchors, some of the CW fanatics use "ZUT" in their signature files. ZUT appears only as a blank space in the July 1964 listing so possibly a new edition would be in order...

73

Dave Ross KA6EPI ross@hypertools.com

Date: Sun, 28 Sep 1997 13:32:55 -0400
From: john <johnmb@mindspring.com>
To: boatanchors@theporch.com
Subject: Let Someone Else Try
Message-ID: <199709281737.NAA07422@camel14.mindspring.com>

>From: ARONGV@aol.com
>To: Old Tube Radios <boatanchors@theporch.com>

>Never heard about the National again, but ther other day I got a really nice
>card and picture from W3YCH, showing what looks like a really great version
>of a Howard receiver. He should be congratulated.

Indeed! I sent him the manual/schematics that I had for it
and I too got a picture of his work. COngrats on a nice save
of a nice old radio. Thanks for taking the effort to send
the pictures on to me....
Best
/John

Date: Sun, 28 Sep 1997 13:58:29 -0400 (EDT)
From: KA9EGW@aol.com
To: boatanchors@theporch.com, ham-boatanchors@listserv.tempe.gov,
collins@listserv.tempe.gov
Subject: strange roller coil
Message-ID: <970928135828_-696598062@emout02.mail.aol.com>

Greetings:

I picked up a really odd roller coil at this weekend's hamfest. Half is
wound left-hand pitch and half is wound right-hand pitch. There are two
rollers, one on each half, which move towards or away from each otehr as the
shaft is rotated.

There are slip-ring contacts on each end, shorted to the rolers so as the
shaft is turned, the two ends of the winding are progressively shorted
towards center.

The whole assembly shows nothing that looks like a place to support a link.
If it were not for the shorting-to-outer-ends arrangement (which is
defeatable) on the rollers and lack of provision for a link, I could see it
as an output coil for a tuning network for balanced line--no need to move
coil taps for the line.

However, having half of it right-pitch and half of it left pitch, even though
the seller told mer the total L is 33 uH, I have to wonder--won't the

opposite pitches cause the fields to cancel? Isn't that how noninductive power resistors are wound?

The whole assembly looks to be quite high-quality, with a fiberglass form and silver-plated rollers and coil--the coil stock is not round, but rather what is commonly referred to as "edgewise".

Can anyone enlighten me on what this thing is, and whether I can use it for my balanced-line coupler?

73 de ka9egw

Date: Sun, 28 Sep 1997 14:40:16 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of l <boatanchors@sco.theporch.com>
Subject: 29 set atu wanted
Message-ID: <199709281440_MC2-2217-A786@compuserve.com>

I would be interested in obtaining the aerial matching unit designated C1, ZA/CAN9268.

This is the larger atu for the No 29 set. =

So, if anyone has one as a door stop, let me know, =

I have plenty of better door stops here and will gladly exchange, hi.

Cheers, Ben G4BXD
MILITARY WIRELESS IN THE MIDLANDS

Date: Sun, 28 Sep 1997 14:40:13 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of l <boatanchors@sco.theporch.com>
Subject: Bird test set FS
Message-ID: <199709281440_MC2-2217-A784@compuserve.com>

TS 2609A/U Test set RF Power
Meter. Bird Model 4110 (upto 100W) 37 UKP or \$60

Ben G4BXD.

Date: Sun, 28 Sep 1997 14:44:12 EDT

From: lrm-brm@juno.com (Larry R. McGee)
To: boatanchors@theporch.com
Subject: Meissner EX Sig.Shifter stolen at Grayslake
Message-ID: <19970928.134250.4375.0.LRM-BRM@juno.com>

Hello to all in the upper midwest.. I went to the Hamfest this morning (Sunday) with some BA goodies for sale, including the above pieces that had a very rusty cabinet top. Well the predicted rain shower came so I put everything into the camper part of my pickup truck except for the EX... that I slid under the bed of the truck, then leaned a card table and folding chair against the side of the pickup, covering one side of the EX. All other vendors were covering up and the lookers all headed inside the buildings, as I did to also use the restroom facilities. So this was an opportunity for this RAT to come out of his hole and do his deed. I can't imagine how this person figures that committing Grand Theft is worth the chance but evidently he has a way to deal with it as long as he doesn't get caught by the earthly authorities, and he evidently doesn't care about what will happen in the hereafter. So, if any of you reading this know of a person that came home from the Grayslake hamfest with a rusty cased, EX signal shifter that he got for a steal... be aware that that is how he got it.. by stealing it. If he is a friend of yours... BEWARE (have you been looking for something that you had but couldn't find it after you invited him into your home as a friend?), if you just know him, steer clear of him. I guess the morale for all who read this is to expect the worse of fellow BA enthusiasts. I couldn't believe that anyone would steal an EX Signal Shifter. Oh Well.
Now I know. Life goes on. Larry

Date: Sun, 28 Sep 1997 21:01:59 +0100
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
To: boatanchors@sco.theporch.com
Subject: Covers project: RME-152A bottom
Message-ID: <3.0.1.32.19970928210159.006b8680@pop.ctv.es>

Hi gang!

Well, the 'covers project' is starting!. First ones will be the two bottom covers for the RME-152A converter; one is the trimmer cover and the other one, the external cabinet bottom cover. I'll make two versions, with and without engraved markings. The original is NOT marked nor engraved, but I think that it would be nice to have the function and frequency of each trimmer handy... What do you think?.

Please, if somebody needs any of these covers, or has any further idea, let

me know as soon as possible.

Best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

***** PLEASE, VISIT MY HOME PAGE! *****

<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Date: Sun, 28 Sep 1997 09:50:27 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: David Ross <ross@hypertools.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Z signals
Message-ID: <Pine.GS0.3.95q.970928093632.11991E-100000@uhunix5>

On Sun, 28 Sep 1997, David Ross wrote:

> Here on boatanchors, some of the CW fanatics use "ZUT" in their signature
> files.

Gee David, I really hate to see the phrase "CW fanatics" pop up on this
list. Let's keep any hint of one's anti-code opinion off of here,
okay?

>ZUT appears only as a blank space in the July 1964 listing so
> possibly a new edition would be in order...
> 73
> Dave Ross KA6EPI ross@hypertools.com

ZUT is a US Coast Guard radioman invention; it's unofficially defined as
"CW forever."

On the Coast Guard circuits, whether RTTY, LL TTY, CW, and yes, even
voice, Z-signals were used (with ships and aircraft). Only when we
were in QSO with non-military ships did we revert to Q-signals.

ZZZ Dave,
Jeff KH2PZ \ KH6

End of BOATANCHORS Digest 1701
